

Parker Product Datasheet



Parker's 77 Series high-pressure hydraulic hose fittings deliver high performance, quick assembly and the design flexibility of more than 500 configurations.

PART NUMBER: 13977-24-24
SHAPE: Elbow 90° - Short Drop
HOSE I.D. (INCH): 1-1/2'
PORT CONNECTION: 1-1/2'
MATERIALS OF CONSTRUCTION: Steel
PRODUCT STYLE: Female JIC 37° - Swivel

PRODUCT OVERVIEW

Crimp-style 77 Series hydraulic hose fittings from Parker Hannifin are cost-effective, permanent, bite-the-wire-style fittings for high-pressure applications. Designed for use with Parkrimp crimpers, 77 series fittings require less push-on force and are easy to assemble. Their compact, one-piece construction delivers better value, flow, and reduced heat and pressure loss, as well as reduced complexity. Compatible with a wide range of constant working pressure hoses, 77 Series fittings are engineered for efficiency, safety, and performance. When paired with Parker's No-Skive hose, 77 Series fittings can be assembled without removing the outer hose cover. Available in multiple materials and a wide assortment of end configurations, 77 series fittings are offered in sizes from ¼ inch to 2 inches.

Markets:

- Military
- Construction
- Forestry

- Oil Field Service
- Industrial
- Mining

Features/Benefits:

- Metric hex
- Easy push on force
- Multiple materials available, such as steel and stainless steel
- Wide range of end configurations
- One piece reduces complexity and leakage path
- No-Skive technology offers easy, efficient, and safe production processes

Applications:

- Petroleum base hydraulic fluids and lubricating oils

Compatible Hoses:

- 387 (-20 through -32 only)
- 487 (-20 through -32 only)
- 787 (-8 through -32 only)
- 797 (-8 through -32 only)

TECH SPECIFICATIONS

BANJO PORT DIAMETER	n/a
BACK-UP HEX SIZE	n/a
FLANGE SIZE	n/a
CONNECTION SIZE	1-7/8'-12 inch Thread
NUT HEX SIZE	60 mm
DIVISION	Hose Products Division
PRODUCT STYLE	Female JIC 37° - Swivel
HOSE INSIDE DIAMETER	-24 (Size)
PORT SIZE	1-1/2 inch
HOSE INSIDE DIAMETER	1-1/2 inch

SHAPE	Elbow 90° Short Drop
CONNECTION SIZE	n/a
MATERIALS OF CONSTRUCTION	Steel